Creation of a new WG on integrated resources

Recommendations to PPC (ISO TC184/SC4/WG10 N49)

An *ad hoc* meeting convened by WG10 on Monday, January 22 considered the PPC's recommendation of the creation of a new working group to be responsible for the "common resources" of SC4. The following points were noted during the meeting.

1. It is desirable that there should be a single working group with responsibility for common resource models for all the SC4 standards, e.g., P-LIB and MANDATE as well as STEP. However, until WG10 determines the nature of the SC4 architecture(s) that would support the development and use of such resources, it is not feasible to create a group with this broad scope now.

2. There is a general issue regarding the capability of SC4 to maintain any of its standards once they have been published as International Standards.

3. There is a need for a group within SC4 to be responsible for the Integrated Resources of ISO 10303. This group should be tasked with:

   - the completion of all IR parts currently in development,

   - developing and implementing changes or extensions to IR parts resulting from SEDS issues,

   - development of new IRs, and

   - maintenance of the IRs as the consistent core data model for STEP.

4. Such a group can only be successful if adequate resources are available to support its work. It is anticipated that AP projects will make *ad hoc* contributions to the group based on needs for changes or extensions to the IRs. However, SC4 needs to establish and disseminate a strong economic motivation for adequate support of the group.

5. It is unclear from the description of the "common resources" group described in the PPC report to the Grenoble SC4 meeting whether it is intended that the development and maintenance of STEP Application Interpreted Construct parts should be included within its scope. WG4 representatives stated their position that AIC development should be the responsibility of AP teams with the support of the Quality Committee. Other participants stated a desire for consistent maintenance of IRs and AICs as a single group.

The meetings conclusions and recommendations to the PPC are that:

1. A new Working Group should be established with responsibility for the STEP Integrated Resources. This Working Group may be expanded in scope to cover other "Common Resources" of SC4 in the future.

2. The developmental aspects of the work of WG4/P2 Resource Integration should be transferred to this Working Group. (The review and approval functions of WG4/P2 are assumed to become part of the Quality Committee).

3. All projects currently within WG3 responsible for the development of STEP Integrated Resource parts should be transferred to this Working Group.

4. The PPC should provide guidance and direction to the SC4 members and projects in order to ensure adequate funding and other support for the members of this Working Group.

5. The PPC should clarify the roles of the Quality Committee and AP Teams with respect to the development of AICs, such that a decision may be made regarding a possible expansion of the scope of the proposed Working Group to cover AIC development.

6. Transition to the new Working Group should be managed such that:

- the schedules of projects developing IR parts are not affected;

- support to the processing and resolution of SEDS issues is made more effective;

- there is increased responsiveness to issues and requirements from AP projects.

Julian Fowler, Convener WG10
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(These notes were reviewed for correctness by Felix Metzger, Mitch Gilbert, Phil Kennicott, and Bernd Wenzel.)